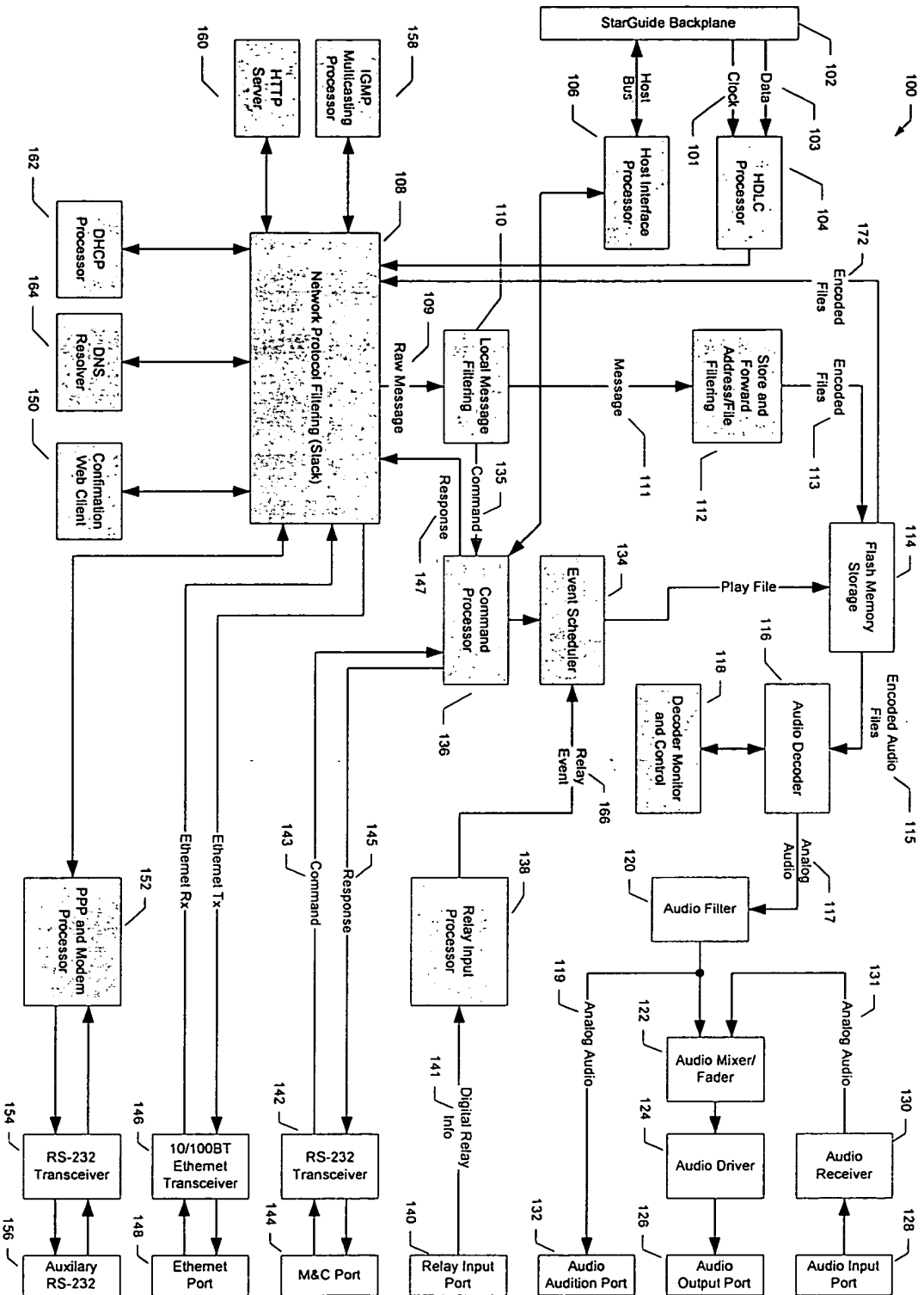


eDAS Block Diagram - Figure 1

Shaded blocks are all handled in software within the microprocessor



05

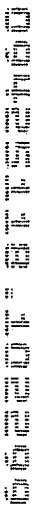
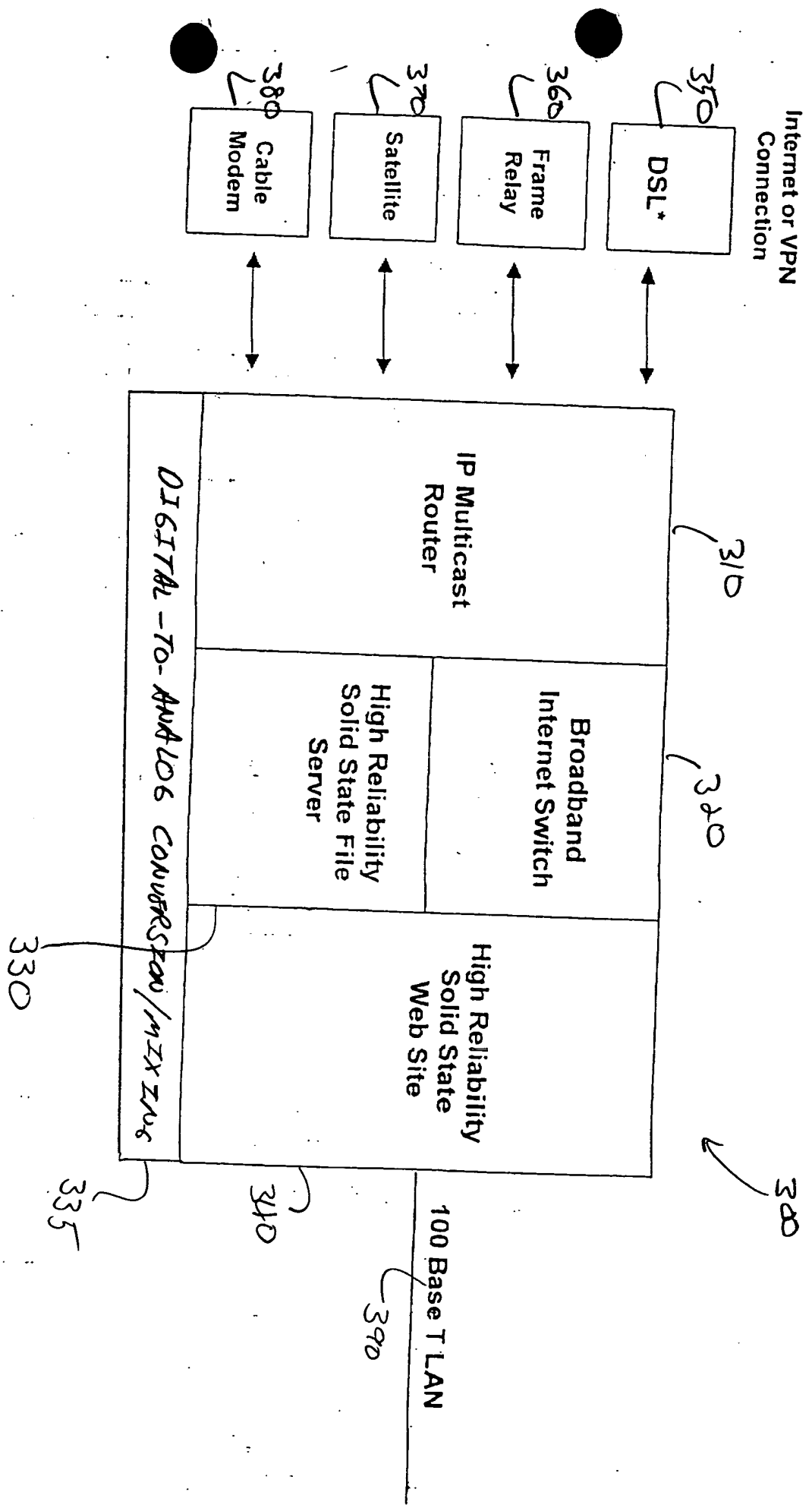


FIG. 3

StarGuide StarGate



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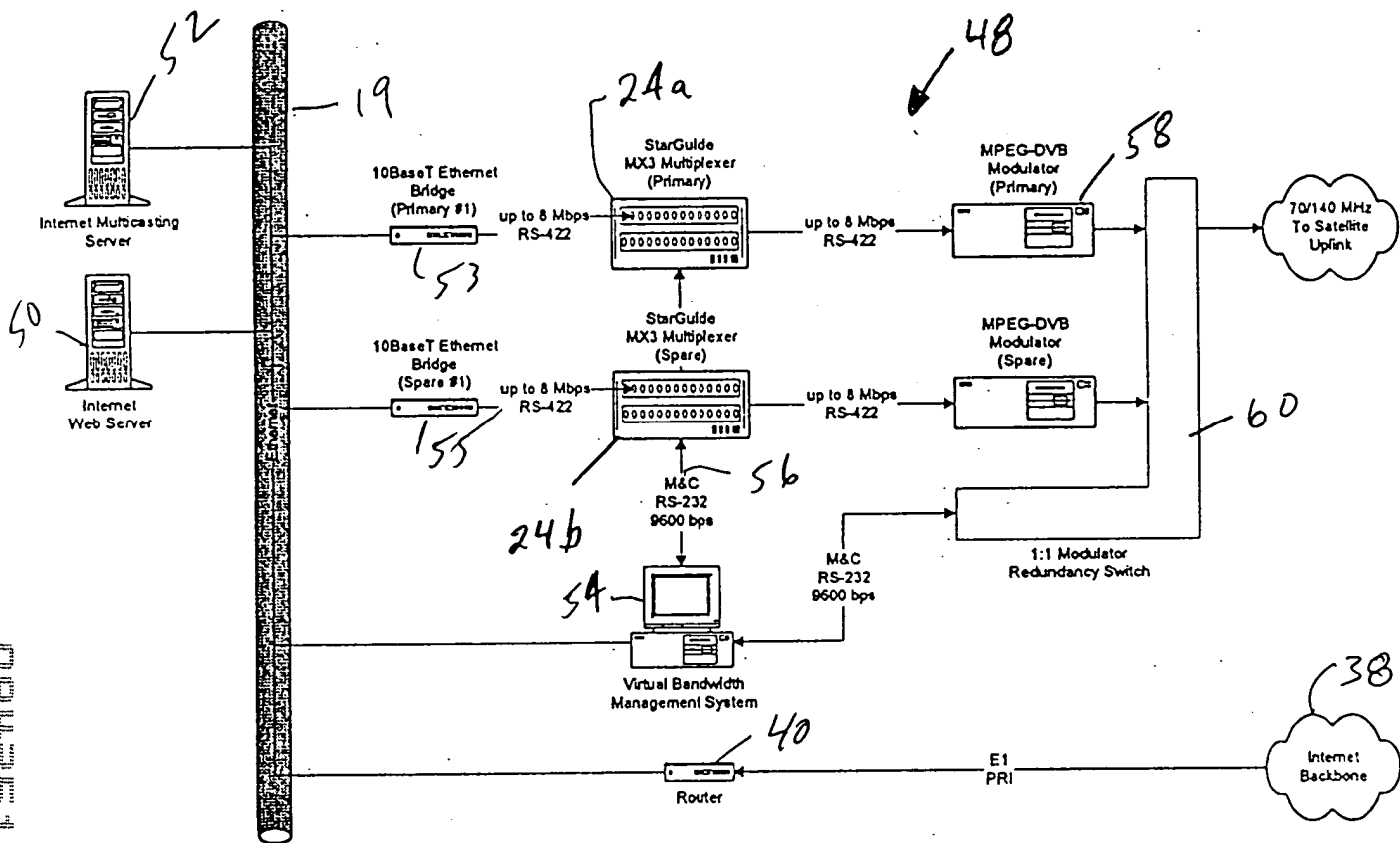


Fig 4

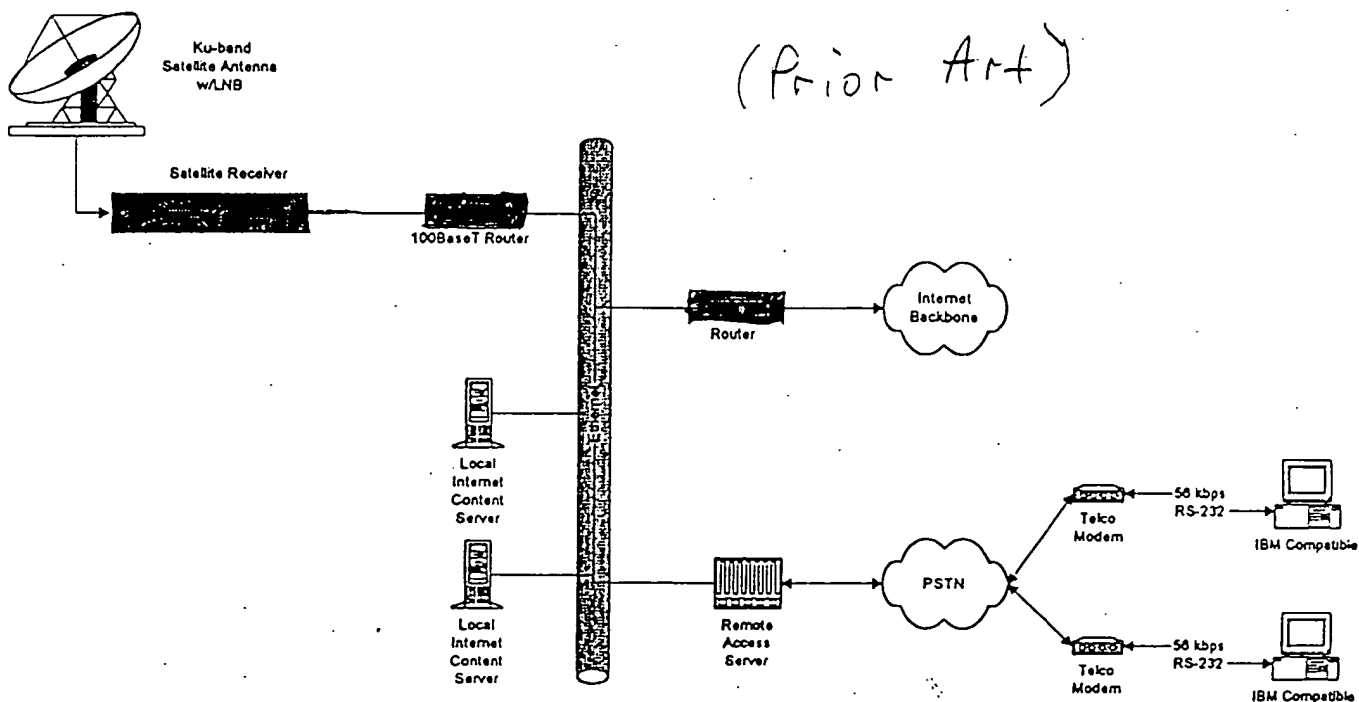
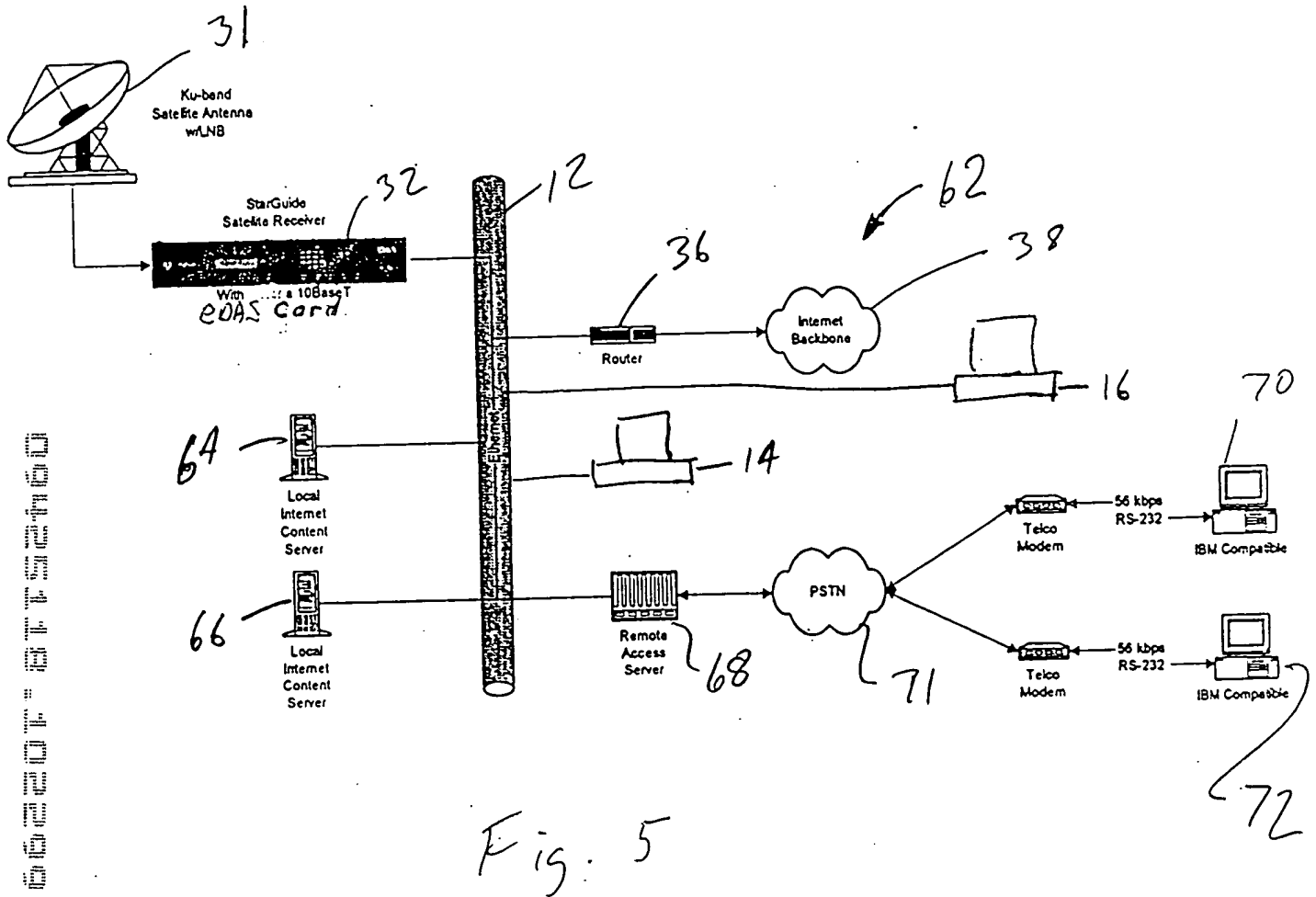


Fig 10



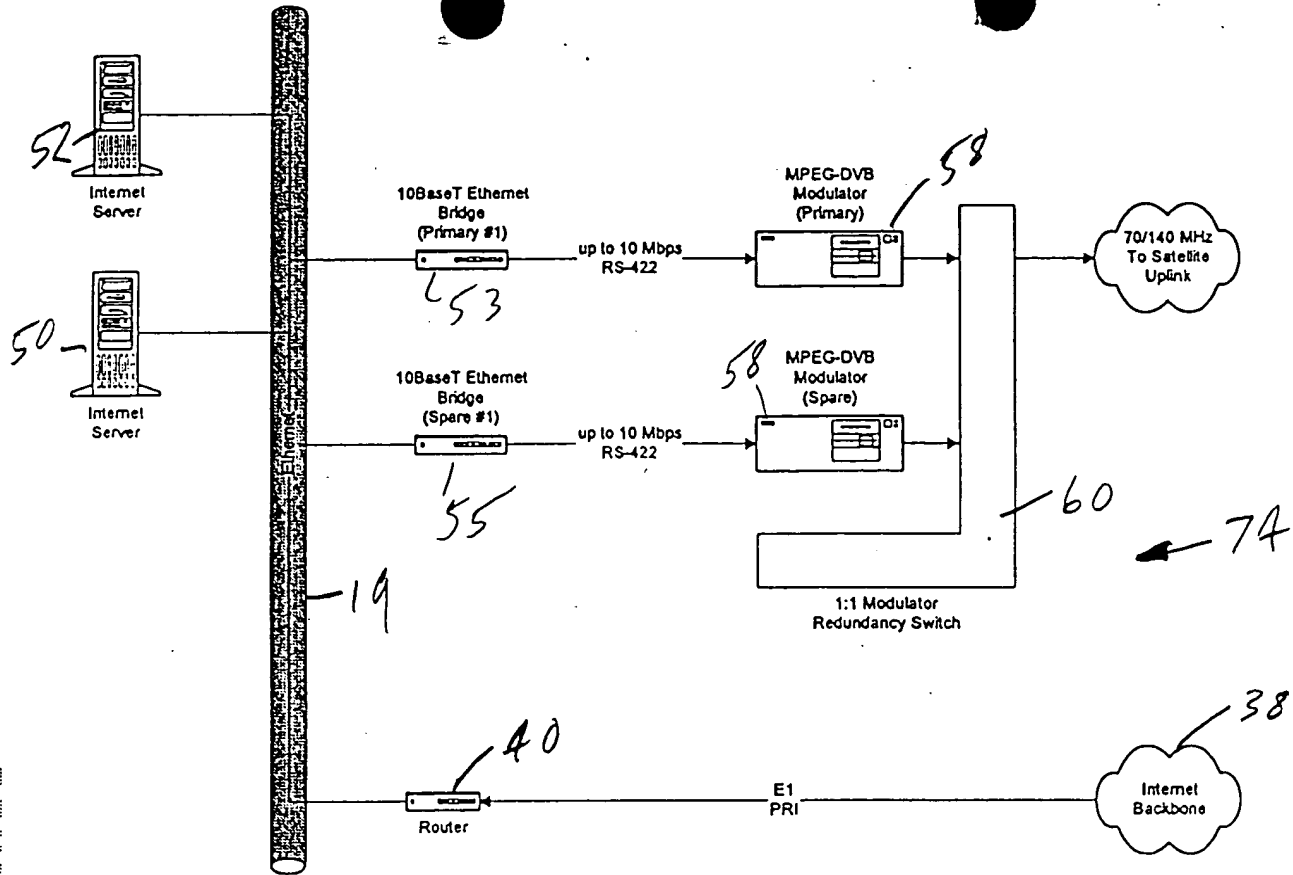


Fig. 6

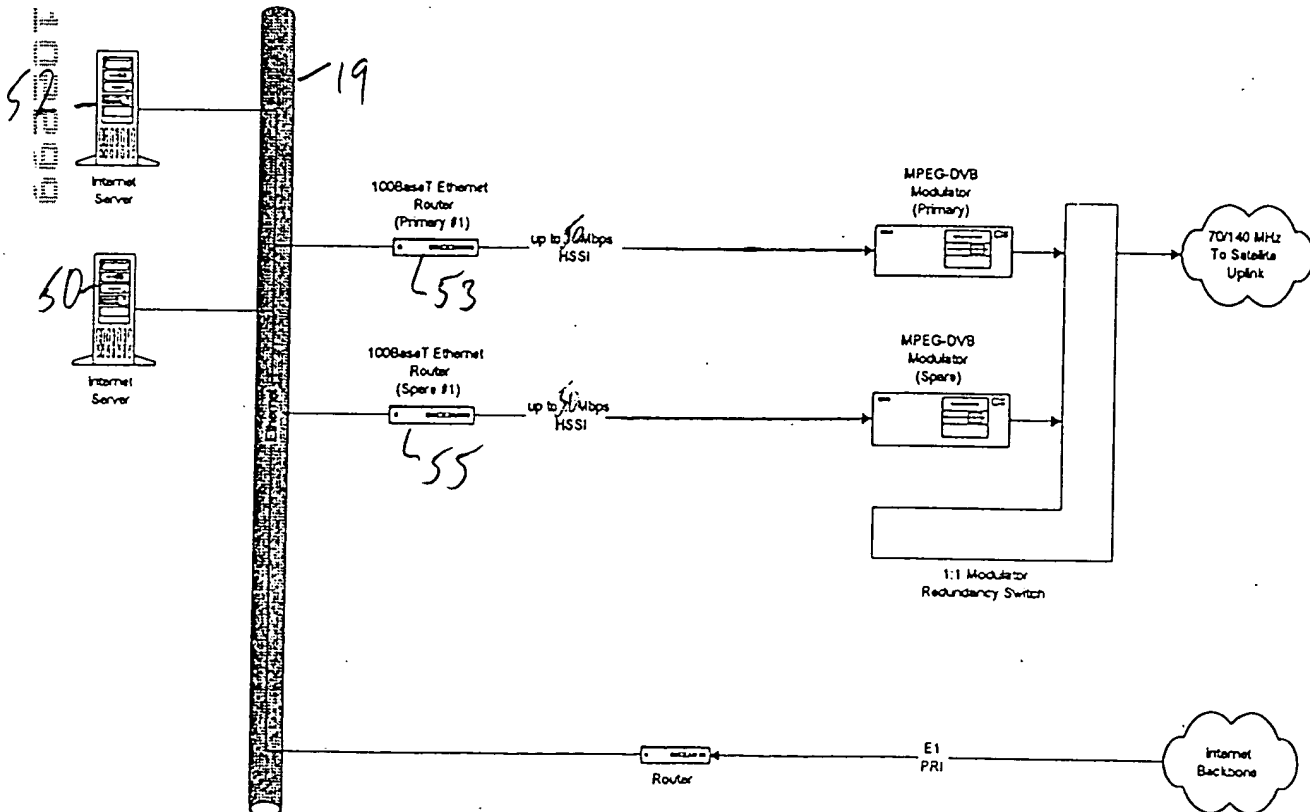
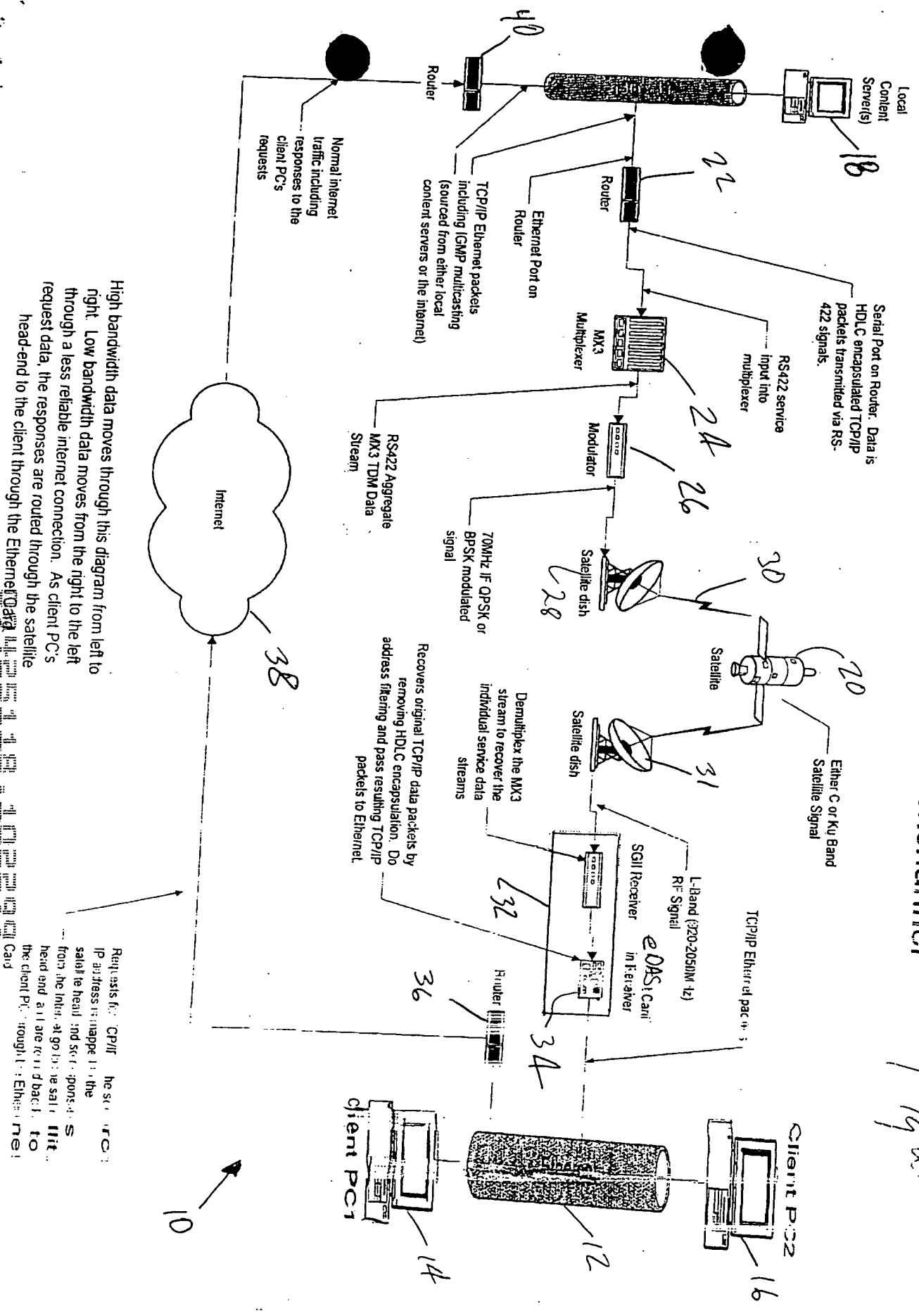


Fig. 7

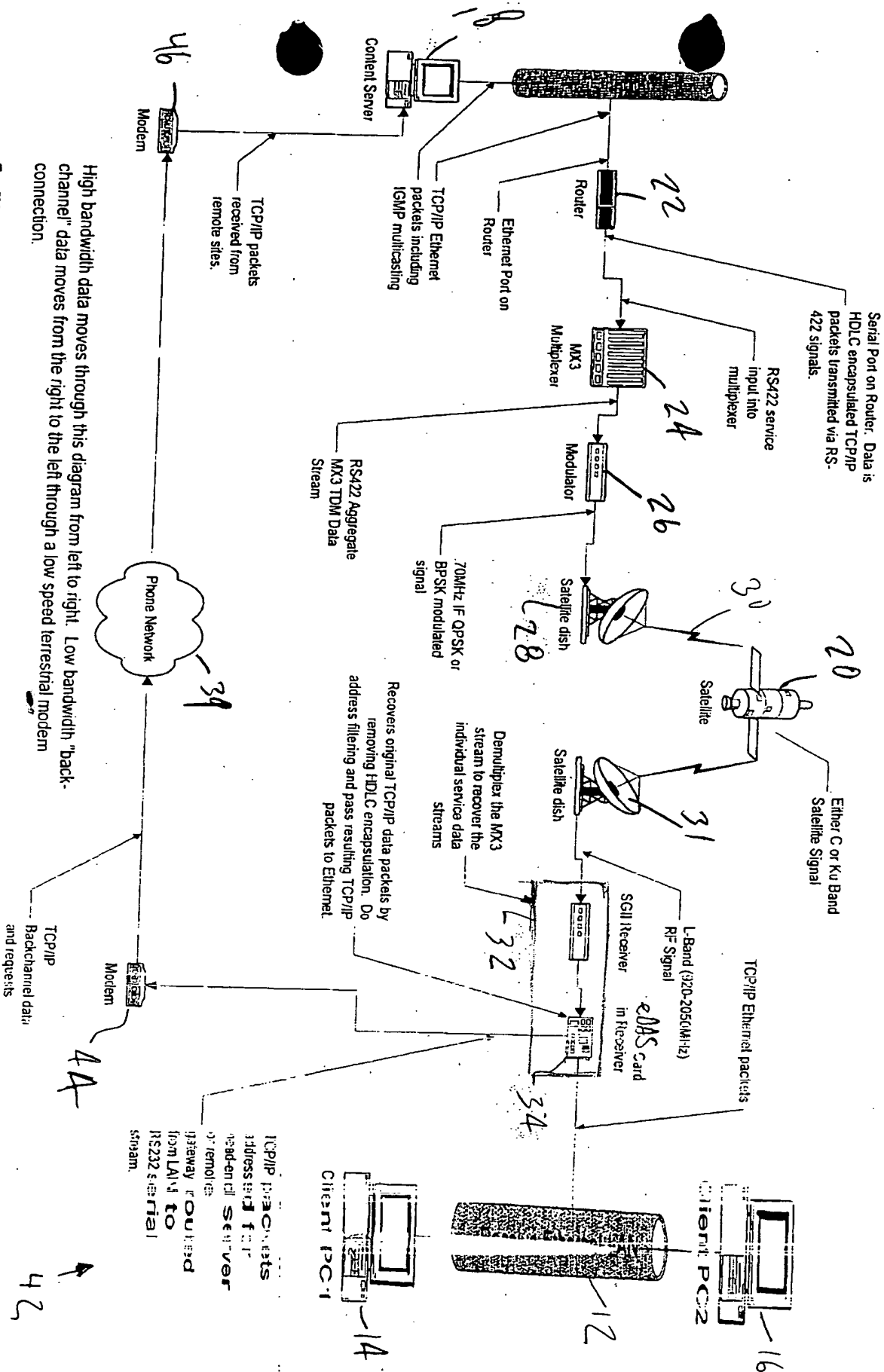
Asymmetric Internet System Data Flow Using Internet Backchannel

Figure 8



Requests for TCP/IP the server... IP address... satellite head-end... from the Internet... head-end... to the client PC... through the Ethernet...

Figure 9 Closed-Loop Network (Intranet) Capable of Delivering TCP/IP Data Using External Telco Modem Backchannel



For TCP/IP data, requests for data are generated by the client PC's (for example, Client PC1), routed via the Ethernet Card through the terrestrial backchannel. The data is routed from the content server over the satellite channel (high speed) and routed by the Ethernet Card to the appropriate client PC.

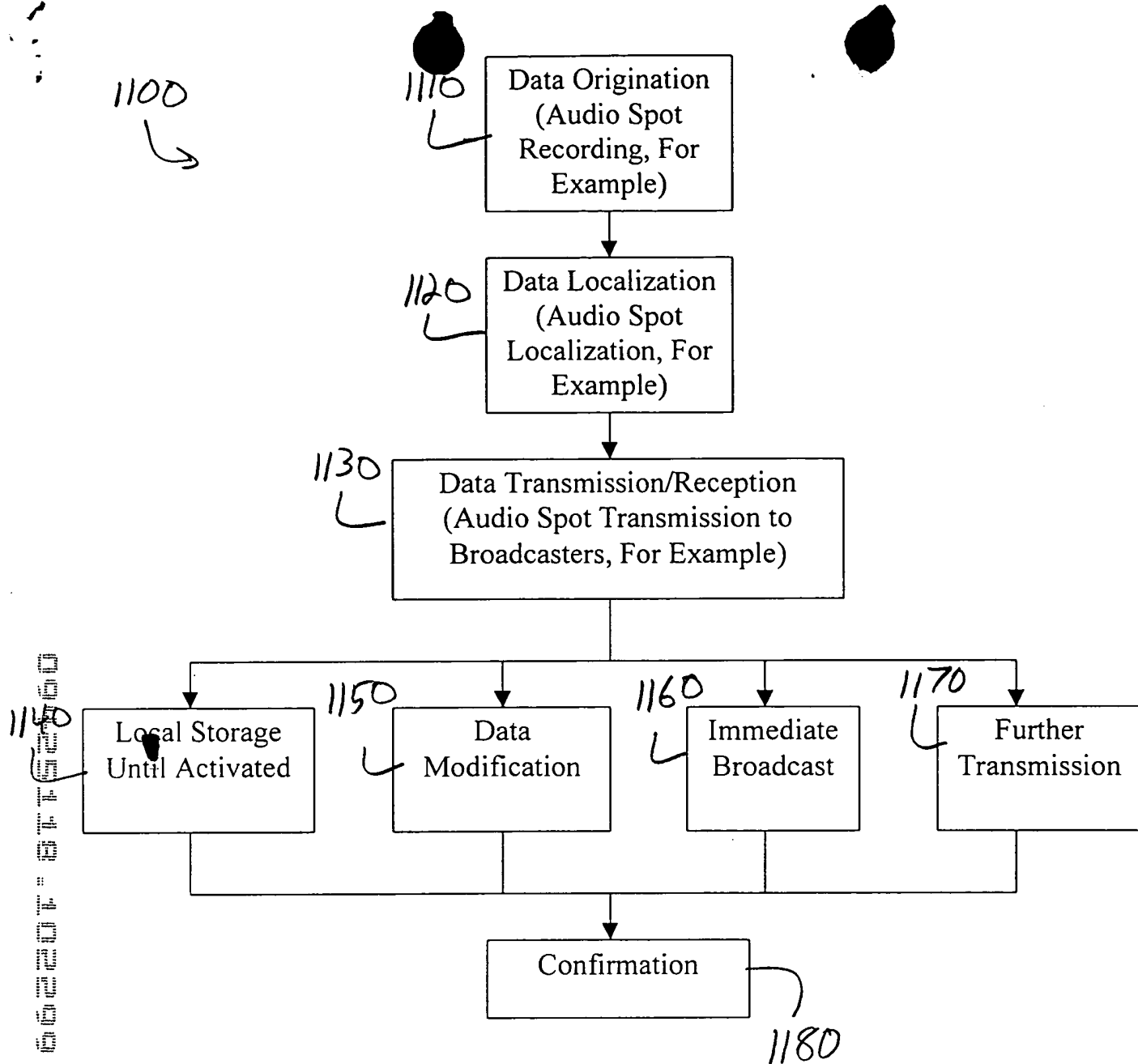


Figure 11